

**IN THE SPECIFICATION**

Please amend paragraph 32 of the Specification as follows:

**[0032]** Other characteristics, purposes and advantages of the invention will become clear from the following description that is purely illustrative and is in no way limitative, and that should be read with reference to the attached drawings in which: Figure 1, already commented upon, diagrammatically shows an artificial satellite in orbit about a planet, and comprising a star sensor;

Figure 2, already commented upon, diagrammatically shows a view field of a star sensor on the celestial dome;

Figure 3, already commented upon, diagrammatically shows a graph of the error on the attitude as a function of time in methods for assignment of weighting coefficients according to the state of the art;

Figure 4 diagrammatically shows a graph of the error on the attitude as a function of time in a method for the assignment of weighting coefficients according to the invention;

Figure 5 is a flow diagram in accordance with an aspect of the technology;

Figure 6 is a flow diagram in accordance with an aspect of the technology.